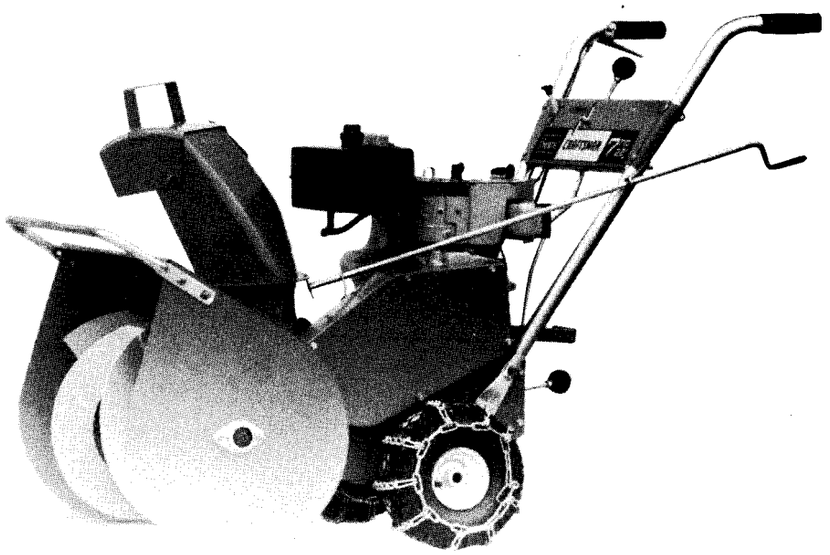
Sears

owner's manual

MODEL NO.
C944.526460

CAUTION:
Read RULES for Safe OPERATION and INSTRUCTIONS Carefully



CRAFTSMAN

22", 7 H.P. SNOW THROWER

- Assembly
- Operating
- Maintenance
- Repair Parts

SIMPSONS-SEARS LIMITED, Toronto, Ontario, Canada

Part No. 1072718

Printed in Canada

IMPORTANT
RULES FOR SAFE OPERATION

TRAINING

1. Read the operating and service instruction manual carefully. Be thoroughly familiar with the controls and the proper use of the equipment. Know how to stop the unit and disengage the controls quickly.
2. Never allow children to operate the equipment. Never allow adults to operate the equipment without proper instruction.
3. Keep the area of operation clear of all persons, particularly small children and pets.
4. Exercise caution to avoid slipping or falling, especially when operating in reverse.

PREPARATION

1. Thoroughly inspect the area where the equipment is to be used and remove all doormats, sleds, boards, wires, and other foreign objects.
2. Disengage all clutches and shift into neutral before starting the engine.
3. Do not operate the equipment without wearing adequate winter outer garments. Wear footwear which will improve footing on slippery surfaces. Do not wear long scarfs or loose fitting clothing which may become entangled in machinery.
4. Handle fuel with care; it is highly flammable.
   (a) Use an approved fuel container.
   (b) Never add fuel to a running engine or hot engine.
   (c) Fill fuel tank outdoors with extreme care. Never fill fuel tank indoors.
   (d) Replace gasoline cap securely and wipe up spilled fuel.
5. Use a grounded three-wire plug-in for all units equipped with electric starting motors.
6. Adjust the impeller housing height to clear gravel or crushed rock surface.
7. Never attempt to make any adjustments while the engine is running (except where specifically recommended by manufacturer).
8. Let engine and machine adjust to outdoor temperatures before starting to clear snow.

OPERATION

1. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
2. Exercise extreme caution when operating on or crossing gravel drives, walks, or roads. Stay alert for hidden hazards or traffic. Do not carry passengers.
3. After striking a foreign object, stop the engine, remove the wire from the spark plug, thoroughly inspect the snow thrower for any damage, and repair the damage before restarting and operating the snow thrower.
4. If the unit should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning of trouble.
5. Stop the engine whenever you leave the operating position, before unclogging the impeller housing or discharge guide, and when making any repairs, adjustments, or inspections.
6. Take all possible precautions when leaving the unit: shift into neutral, disengage the drive (primary) clutch, shut off the engine, and remove the key.
7. When cleaning, repairing, or inspecting, make certain the impeller and all moving parts have stopped. Disconnect the spark plug wire, and keep the wire away from the plug to prevent accidental starting. Disconnect the cord on electric starter motor.
8. Do not run the engine indoors, except when starting the engine and for transporting the snow thrower in or out of the building. Open the outside doors; exhaust fumes are dangerous.
9. Do not clear snow across the face of slopes. Exercise extreme caution when changing direction on slopes. Do not attempt to clear steep slopes.
10. Never operate the snow thrower without proper guards, plates, or other safety protective devices in place.
11. Never operate the snow thrower near glass enclosures, automobiles, window wells, drop offs, etc. without proper adjustment of the snow discharge angle. Keep children and pets away.
12. Do not overload the machine capacity by attempting to clear snow at too fast a rate.
13. Never operate the machine at high transport speeds on slippery surfaces. Use care when backing.
14. Never direct discharge at bystanders or allow anyone in front of the unit.
15. Disengage power to the impeller when snow thrower is transported or not in use.
16. Use only attachments and accessories approved by the manufacturer of snow thrower (such as electric starter kits, cabs, etc.).
17. Never operate the snow thrower without good visibility or light. Always be sure of your footing, and keep a firm hold on the handles. Walk; never run.

MAINTENANCE AND STORAGE

1. Check shear bolts, engine mounting bolts, etc. at frequent intervals for proper tightness to be sure the equipment is in safe working condition.
2. Never store the machine with fuel in the fuel tank inside a building where open flame or sparks are present. Allow the engine to cool before storing in any enclosure.
3. Always refer to owner's manual instructions for important details if the snow thrower is to be stored for an extended period.
4. Run the machine a few minutes after throwing snow to prevent freeze up of the impeller.

craftsman quality snow removal equipment

CRAFTSMAN GUARANTEE

For one year from purchase date, Simpsons-Sears will replace, Free of Charge, any part or parts including the engine, found, upon examination to be defective under normal use and service, by reason of defects in material and workmanship. The warranty is void if the unit has been the subject of misuse.

A modern low cost maintenance agreement is available on this product, to extend the guarantee. Contact your nearest Simpsons-Sears Store.

Compliance with radio interference regulations certified, replace spark plug with resistor spark plug only.

REFERENCE PHOTO FOR ASSEMBLY AND INSTRUCTION

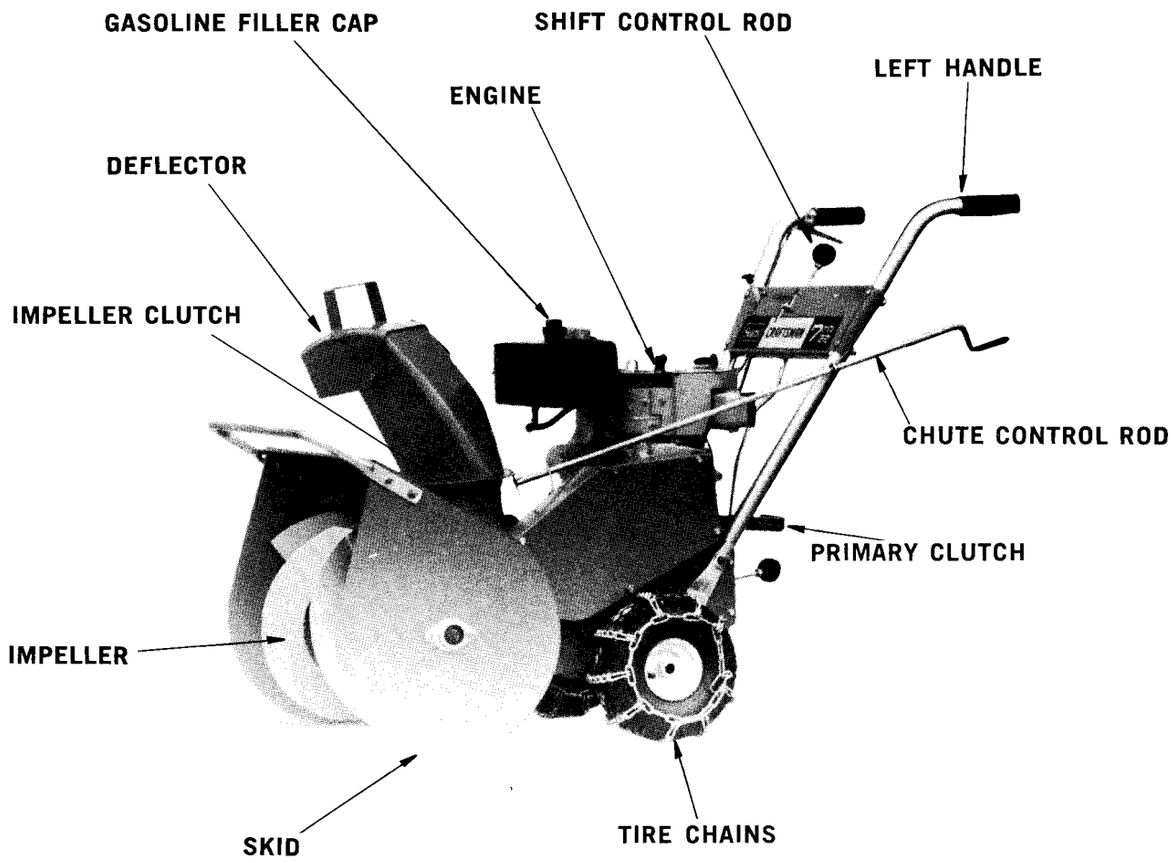


FIG. 1

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ASSEMBLY

For shipping purposes, the handles and operating controls of your snow thrower have not been assembled to the unit. The carton of parts, in which this owner's manual was found, contains all components and hardware necessary to complete the assembly.

NOTE: The terms Left Hand (L.H.) and Right Hand (R.H). refer to your left and right hands when you stand in the operator's position behind the unit.

ATTENTION: FOR EASIER ASSEMBLY, TILT SNOW THROWER FORWARD SO THAT IT RESTS ON SAFETY BAR AS SHOWN (FIG. 2).

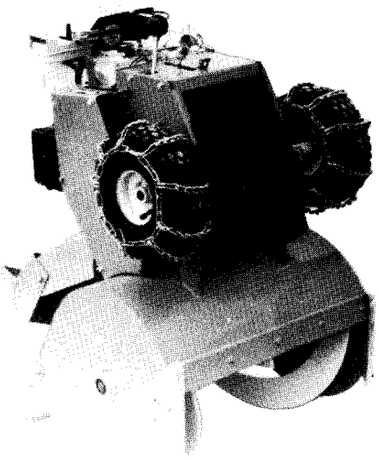


FIG. 2

HANDLE ASSEMBLY

1. Slide lower two holes of R.H. handle over weld screws on R.H. side of snow thrower chassis (Fig. 3). Assemble formed washer to upper weld screw, and secure handle with two ⅜-16 flange nuts. Tighten finger tight only.
2. Assemble L.H. handle to snow thrower in same manner.

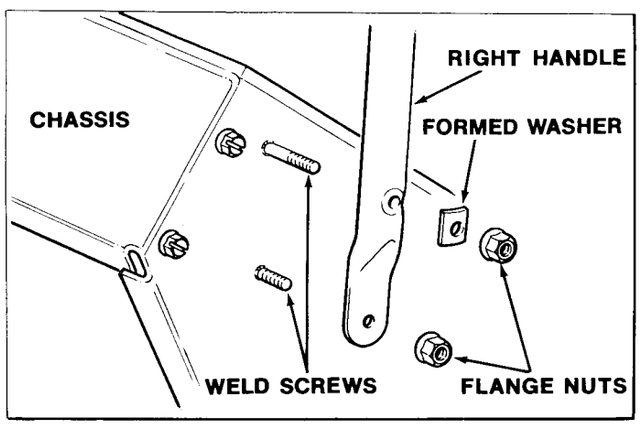


FIG. 3

3. Assemble handle plate to handles (Fig. 4), using four 5/16-18 x 1¾ carriage bolts and four 5/16-18 flange nuts. Tighten securely.
4. Tighten four ⅜-16 flange nuts securely against lower end of both handles (Fig. 3).

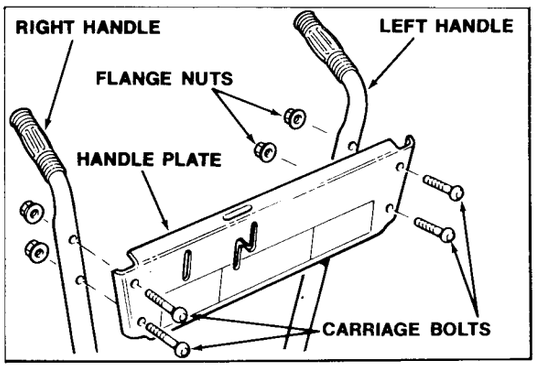


FIG. 4

SHIFT CONTROL ROD ASSEMBLY (Fig. 5 to 8)

1. Assemble one ⅜-16 flange nut (A) to end of shift control rod having the longest threaded portion. Flange of nut must face toward threaded end of shift control rod as shown (Fig. 5 and 6). Thread the nut the full length of the threads.

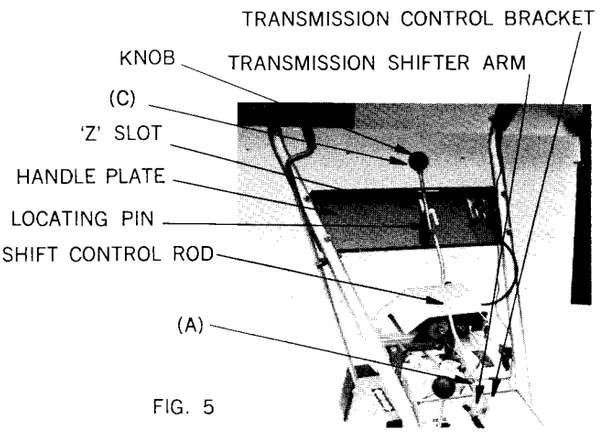


FIG. 5

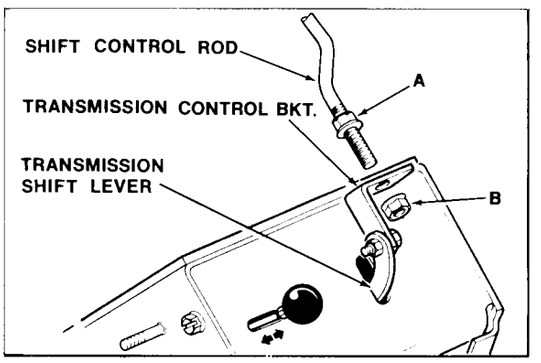


FIG. 6

2. Position other end of shift control rod up through slot in top of handle plate, so that locating pin on rod engages the "Z" slot in handle plate (Fig. 5). Swing transmission control bracket upwards (Fig. 6), and insert lower end of shift control rod into hole in transmission control bracket (Fig. 5 and 6).
3. Assemble one ⅜-16 flange nut (B), with flange up, to lower end of shift control rod (Fig. 6). Do not tighten nut.
4. **IMPORTANT: Position transmission shift lever in neutral position (Fig. 7), approximately in the centre of slot in rear cover. Rotate wheels of unit; wheels should turn freely if neutral has been obtained. Shift lever may have to be moved up or down slightly from centre of slot in order to obtain neutral.**

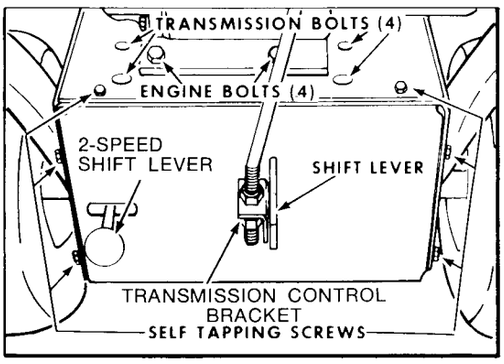


FIG. 7

5. Place shift control rod in neutral position (centre of "Z" slot at handle plate) (Fig. 8). Holding shift control rod in this position, thread lower ⅜-16 flange nut (B) (Fig. 6) up to transmission control bracket. Tighten upper flange nut (A) down onto top of transmission control bracket.
   Be sure locating pin is not cocked in "Z" slot of handle plate (Fig. 8). Pin should be perpendicular to face of handle plate.
   CAUTION: Do not tighten nut and bolt securing transmission control bracket to transmission shift lever (Fig. 6). These parts must pivot freely.
6. **IMPORTANT: Be sure transmission stays in neutral when shift rod locating pin is moved through entire neutral range at handle plate as shown in Fig. 8. Wheels of unit should turn freely through entire neutral range. If they do not, make one of the following adjustments:**

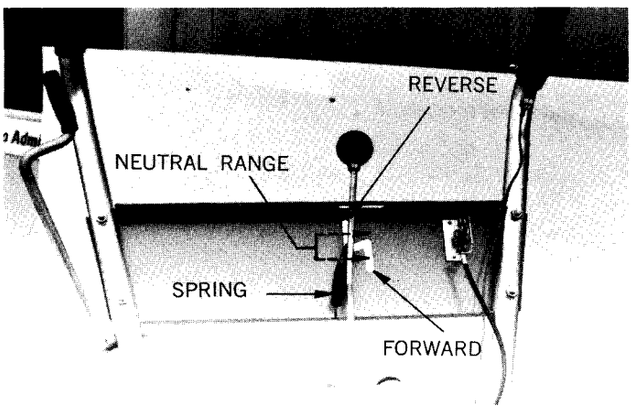


FIG. 8

If transmission stays in "Forward" drive inside the neutral range, adjust flange nuts at lower end of shift rod (Fig. 5 and 6):

(a) Loosen upper flange nut (A).
(b) Tighten lower flange nut (B) up against transmission control bracket one or two turns. This will, in effect, shorten the shift control rod.
(c) Tighten upper flange nut down onto transmission control bracket, and check again that transmission remains in neutral through entire neutral range.

If transmission stays in reverse within the neutral range, adjust flange nuts on lower shift control rod:

(a) Loosen lower flange nut (B).
(b) Tighten upper flange nut (A) down against transmission control bracket one or two turns. This will, in effect, lengthen the shift control rod.
(c) Tighten lower flange nut up against transmission control bracket, and check again that transmission remains in neutral through entire neutral position.

7. Attach spring to locating pin on shift control rod, and to hole in bottom of handle plate (Fig. 8).
8. Assemble one ⅜-16 jam nut (C) (Fig. 5) all the way onto threads at top of shift control rod. Screw control knob onto shift control rod until tight, and tighten jam nut (C) securely against knob.

CHUTE CONTROL ROD ASSEMBLY (Fig. 9 and 10)

1. Slide lower adjusting bracket onto chute control rod. **NOTE:** adjusting bracket must be angled toward the sprocket on chute control rod as shown (Fig. 9).

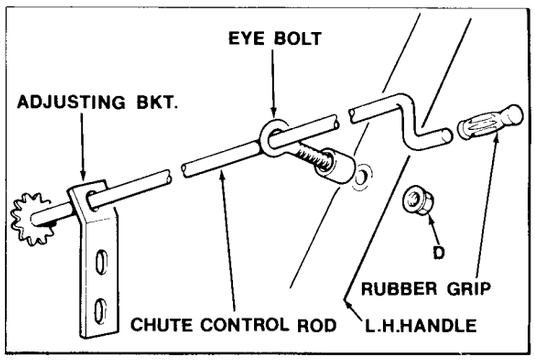


FIG. 9

2. Slide eye bolt onto chute control rod, and slide rubber bushing onto shank of eye bolt.
3. Assemble eye bolt to outside of L.H. handle, and secure with one ¼-20 lock nut (D). Do not tighten nut.
4. Assemble lower adjusting bracket to lower support bracket using two 5/16-18 x ¾ carriage bolts (E) and two 5/16-18 flange nuts (F) (Fig. 10).

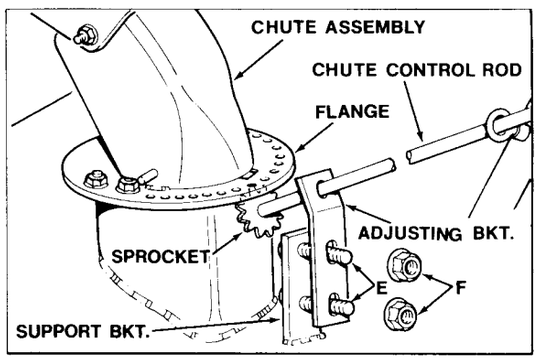


FIG. 10

5. Raise the lower adjusting bracket into position so that sprocket on chute control rod engages holes in flange at base of chute assembly, and tighten two 5/16-18 flange nuts (F).
6. Tighten ¼-20 locknut (D) on eye bolt (Fig. 9), being careful to position eye bolt perpendicular to chute control rod.
7. Assemble rubber grip to end of chute control rod (Fig. 9).

CHECKING CHUTE OPERATION (Fig. 10)

If sprocket teeth tend to jam in holes in flange at base of chute assembly, lower the sprocket slightly by loosening the two 5/16-18 flange nuts (F) and lowering the lower adjusting bracket.

If sprocket teeth skip across holes in flange, raise the sprocket by loosening two nuts (F) and raising the lower adjusting bracket slightly. Tighten nuts (F) securely.

INTERLOCK WIRING HARNESS ASSEMBLY (Fig. 11)
IMPORTANT: For the protection of yourself and others, your snow thrower is equipped with a safety interlock system which allows operation of the unit only from the operator's position. To complete the assembly of the interlock system, connect safety wire on R.H. handle to wire at base of engine as shown (Fig. 11).

CAUTION: If these wires are left disconnected, your unit will not operate.

THROTTLE CONTROL ASSEMBLY (Fig. 12)

1. Assemble throttle control to back of handle plate using two #10-16 x ½ self-tap screws (O) as shown; tighten securely.
2. Press plastic knob firmly onto throttle control lever (Fig. 12).

2-SPEED SHIFT LEVER

The 2-SPEED SHIFT LEVER (Fig. 7) provides 2 speed ranges which are selected with lever at rear of chassis. The high speed (HI) is to be used for normal snow removal and low speed (LO) is desirable for use when extremely heavy work is required. Move lever to the left for "HI" and to the right for "LO". Select "HI" or "LO" speed prior to shifting control rod to "FORWARD" or "REVERSE" drive. It may be necessary to move snow thrower forward or backward slightly to align cogs in transmission so that shift lever can be completely engaged in "HI" or "LO" position.

FIG. 11

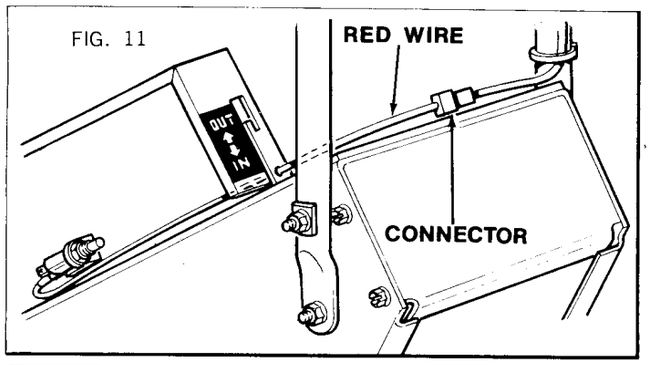
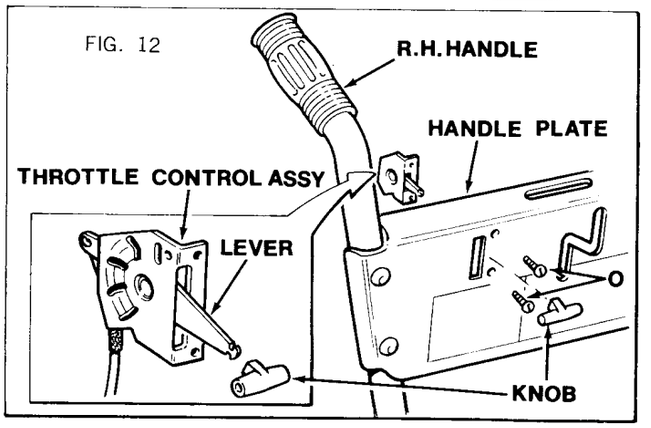


FIG. 12



OPERATING INSTRUCTIONS

Before attempting to use your snow thrower, read carefully all the operating instructions below and be sure you understand the function of all controls. Read again the "Rules for Safe Operation" at the front of this manual.

BEFORE STARTING ENGINE

1. Remove oil filler plug and dipstick on L.H. side of engine and check oil level. Fill to "FULL" mark on dipstick with S.A.E. 5W-30 oil (Fig. 13). Pour slowly to prevent air lock. To check oil level correctly, screw filler plug and dipstick all the way in. Overfilling the engine may affect performance. Tighten filler plug securely to prevent leakage.
2. Fill fuel tank with any regular grade of fresh, clean gasoline. Lead free gasoline may be substituted. **Do not use Ethyl or High Octane gasoline.**

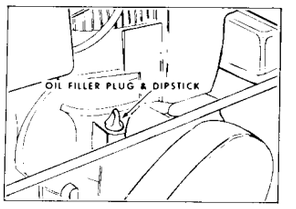


FIG. 13

TO START ENGINE

NOTE: All small gasoline engines tend to be difficult to start in cold weather. Since this unit will always be used in cold weather, we recommend you store it in a heated area.

1. Place primary clutch lever up into disengaged ("OUT") position and place impeller clutch shift rod in disengaged ("OUT") position (Fig. 14 and 15).

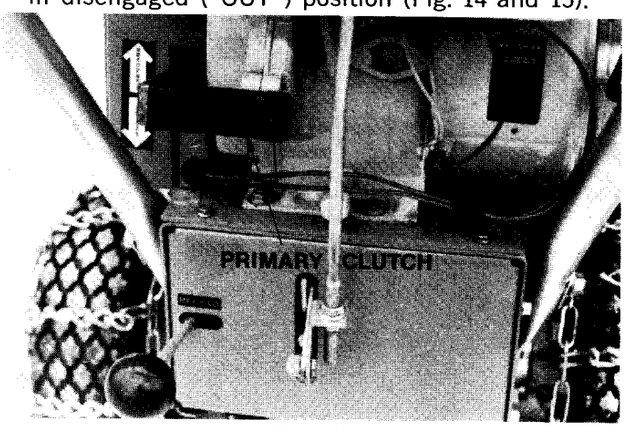


FIG. 14

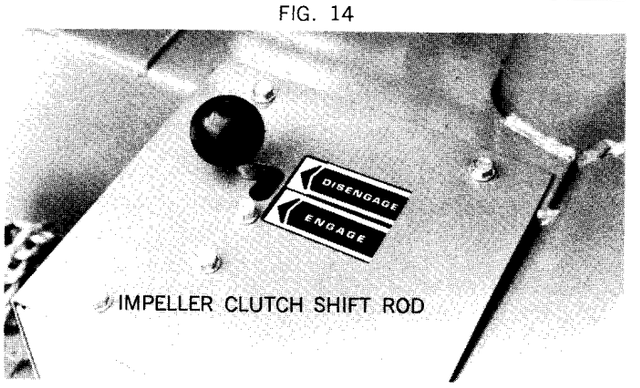


FIG. 15

2. Move shift control rod to "NEUTRAL" position in "Z" slot of handle plate (Fig. 16).
3. Move throttle control down to "FAST"' position (Fig. 16).

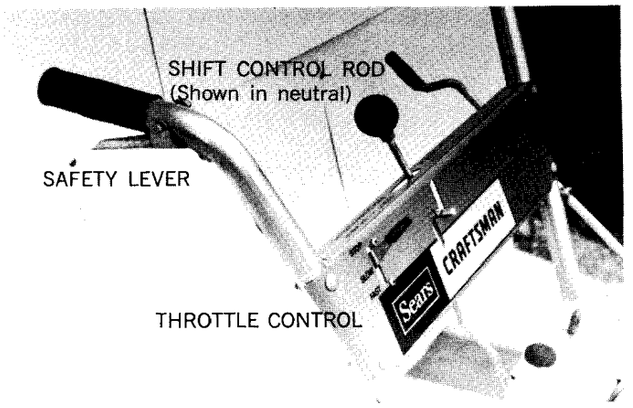


FIG. 16

4. Turn choke lever to "FULL" choke position (Fig. 17). Turn ignition switch located on engine shroud to "ON" position (Fig. 17).
5. IF TEMPERATURE IS BELOW 10°F: Depress primer button on carburetor (Fig. 17), 2 or 3 times.

Step #5 may be omitted if temperature is above 10°F.

6. Pull engine over rapidly with starter rope.
7. As engine warms up, slowly return choke lever to "OFF" position (Fig. 17).

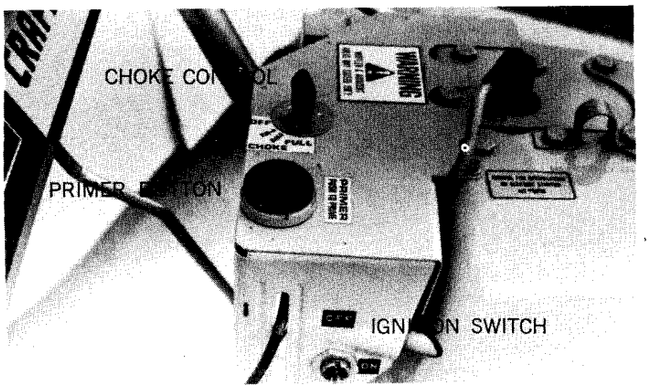


FIG. 17

TO STOP ENGINE

Move throttle control up to "STOP" position (Fig. 16).

OPERATING YOUR SNOW THROWER

1. Before starting engine, be sure primary clutch lever is up in disengaged ("OUT") position (Fig. 14), impeller clutch shift rod is in ("OUT") position (Fig. 15), and shift control rod is in neutral position (Fig. 16).
2. Assume operating position behind unit, and start engine. Using throttle control, adjust to moderate speed.
3. Squeeze safety lever up into operating position against R.H. handle with right hand, and maintain hold on lever and R.H. handle. (Fig. 16).
4. Move primary clutch lever down into engaged ("IN") position (Fig. 14).

IMPORTANT: The safety interlock system on this unit will automatically stop the engine when the primary clutch is engaged unless the safety lever on the R.H. handle is maintained in closed position (Fig. 16).

5. To obtain forward motion of snow thrower move 2-speed shift lever into "LO" position (Fig. 7). With left hand, move shift control rod down into "Forward" position — bottom of "Z" slot in handle plate. **To stop forward motion:** Move shift control rod back up into "Neutral" position — centre of "Z" slot in handle plate (Fig. 16).
6. **To obtain reverse motion:** With left hand, move shift control rod up into "Reverse" position and hold in that position (Fig. 16). **NOTE: Return spring (Fig. 8) behind handle plate will automatically return shift rod to "neutral" position when shift control rod is released from "reverse" position.**
7. **To obtain impeller operation: IMPORTANT: Be sure front of unit is clear of bystanders or obstacles before operating impeller.**
   (a) Before leaving operating position to engage impeller clutch lever, move primary clutch lever up into disengaged ("OUT") position (Fig. 14).

IMPORTANT: The engine will always stop if the operator attempts to leave the operating position and releases the safety lever without first disengaging the primary clutch.

   (b) Move impeller clutch shift rod on R.H. side of unit to engaged ("IN") position (Fig. 15).
   (c) Return to operating position (behind handles), and squeeze safety lever on R.H. handle. Now move primary clutch lever down slowly into engaged ("IN") position (Fig. 14). The impeller is now operating and ready to throw snow.

8. **TO DISENGAGE IMPELLER DRIVE:**
   (a) Before leaving operating position, disengage primary clutch lever ("OUT" position) (Fig. 14).
   (b) Move impeller shift rod to "OUT" position (Fig. 15). Impeller is now disengaged.

9. **Operation of discharge chute and deflector:** (Fig. 18). The direction of snow discharge from the chute can be varied 180°, from left to right. To discharge snow to your left, turn chute control rod handle clockwise. Rotate handle anti-clockwise to obtain snow discharge to your right. The distance the snow will be thrown can be adjusted by tilting the deflector up or down (Fig. 18).

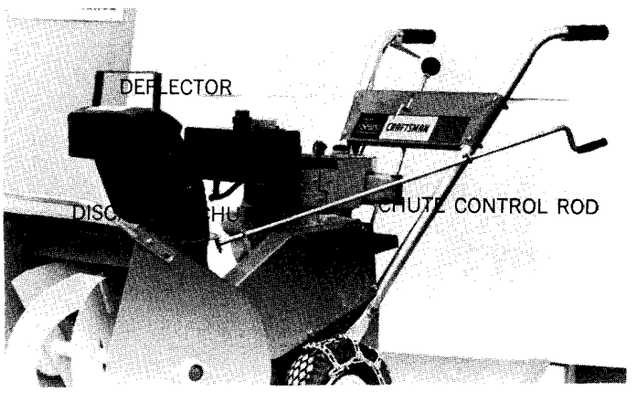


FIG. 18

CAUTION: Always stop engine before changing deflector position. Keep hands away from chute and deflector when impeller is operating.

The type and depth of snow will also influence distance snow can be thrown.

10. OPERATING ADJUSTMENTS

CAUTION: Always stop engine and disconnect spark plug wire before cleaning, lubricating or adjusting your snow thrower.

DRIVE BELT

All V-Belts stretch a certain amount during normal use. Consequently, the snow thrower drive belt will probably require adjustment after the first five hours of operation. Belt adjustment is required whenever the primary clutch lever drops below the warning line on the back plate.

NOTE: Failure to adjust drive belt as required will result in excessive belt wear.

TO TIGHTEN DRIVE BELT

1. Remove four self-tap screws (G) and one locknut (H), and remove belt cover (Fig. 19).

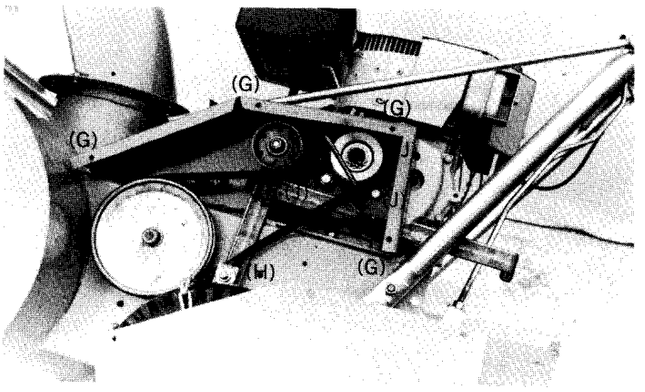


FIG. 19

2. Loosen four bolts (J) securing back plate to engine (Fig. 19).
3. Loosen four engine mounting bolts at base of engine (Fig. 14).
4. Engage primary clutch lever ("IN" position), and move engine toward rear of unit until primary clutch lever rests approximately in the centre of slot (above warning line).
5. Tighten engine bolt securely, making sure rear base line of engine is in alignment with rear of chassis.
6. Check alignment of five holes in belt cover with four holes in back plate (G), and bolt (H). Slide back plate backwards or forwards until hole alignment is obtained. Tighten four bolts (J) securing back plate to engine.
7. Replace belt cover using four self-tap screws at (G) and locknut at (H). Tighten securely.

SHIFT CONTROL ROD ADJUSTMENT

The "NEUTRAL" position of the snow thrower transmission has a wide range and, in some cases, the transmission may remain in "Forward" or "Reverse" position when the shift control rod is moved into the "Neutral" range at the handle plate. This may not become apparent until used in heavy snow. **If this situation occurs, stop engine and proceed with the following adjustments:**

If your unit stays in "Forward" Drive position when shift control rod is moved into neutral range, adjust flange nuts at lower end of shift rod: (Fig. 5 to 8).

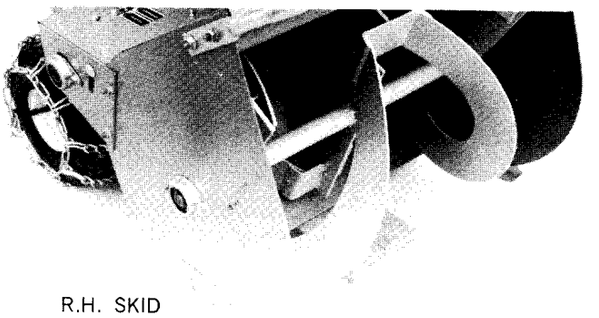
(a) Loosen upper flange nut.
(b) Tighten lower flange nut up toward transmission control bracket one or two turns. This will, in effect, shorten the shift control rod.
(c) Tighten upper flange nut down onto transmission control bracket.

If your unit stays in "Reverse" drive when shift control rod is returned to neutral range, adjust flange nuts on lower shift control rod:

(a) Loosen lower flange nut.
(b) Tighten upper flange nut down onto transmission control bracket one or two turns. This will, in effect, lengthen the shift control rod.
(c) Tighten lower flange nut up against transmission control bracket.

GROUND CLEARANCE ADJUSTMENT (Fig. 20)

Slots in skids provide adjustment up or down. To increase or decrease ground clearance of impeller housing prop up front of unit using a piece of wood or similar object and loosen two ⅜-16 nuts on each skid. Raise or lower the skids to desired height.
In icy or packed snow conditions, runners on skids



R.H. SKID

FIG. 20

may force the unit to ride on top of snow, preventing effective snow removal. When this occurs, remove skids and invert them so that knife edges of skids will cut through snow.

CHAIN ADJUSTMENTS (Fig. 21)

Correct chain tension is of vital importance in obtaining efficient performance. To obtain chain tension as illustrated in Fig. 21, each chain should be adjusted by following the steps below:

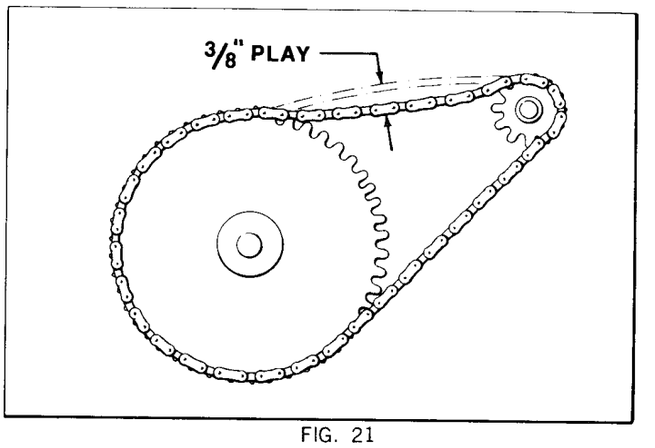


FIG. 21

IMPORTANT: Chains should not be excessively tight. Correct chain tension will allow a total of approximately ⅜" play (Fig. 21).

(A) IMPELLER DRIVE CHAIN (Fig. 21, 22 and 23)

1. Loosen nut (N) on carriage bolt holding nylon idler in place in slot in impeller chain guard (Fig. 22 and 23).
2. Slide carriage bolt up or down in slot until correct chain tension is obtained. Tighten nut (N). **NOTE:** If correct chain adjustment cannot be obtained using the nylon idler further chain adjustment can be obtained by adjusting position of impeller bearings:
3. Move carriage bolt and nylon idler to top of slot (Fig. 23) and finger tighten.
4. Loosen impeller bearing bolts (K) (Fig. 23) on each side of impeller housing, and move bearings and impeller assembly forward to increase chain tension, or backwards to decrease tension.
5. Tighten four bearing bolts (K), making sure that distances (L) and (M) are equal in Fig. 22.

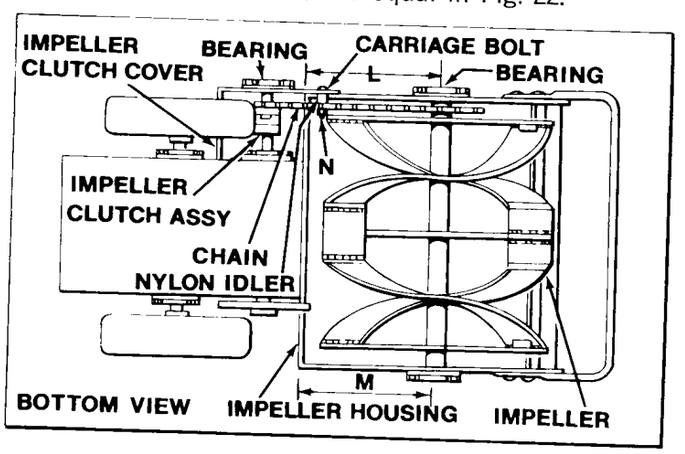


FIG. 22

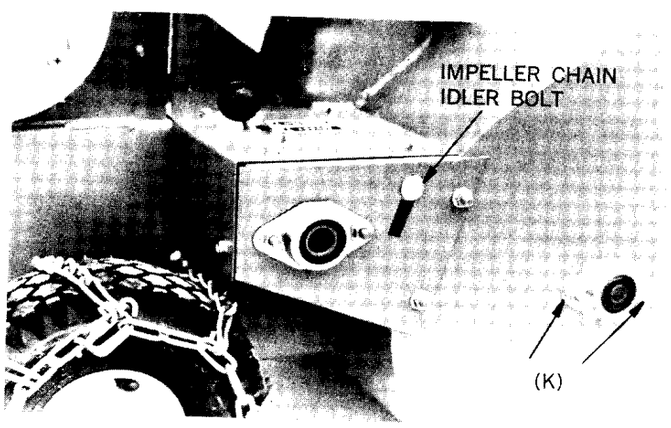


FIG. 23

(B) TRANSMISSION INPUT CHAIN (R.H. Side of Unit)

1. Loosen nut (O) on carriage bolt holding nylon chain idler against transmission input chain (Fig. 24 and 25).
2. Slide carriage bolt up or down in slot until correct chain tension is obtained (Fig. 21). Tighten nut (O) securely against nylon idler.

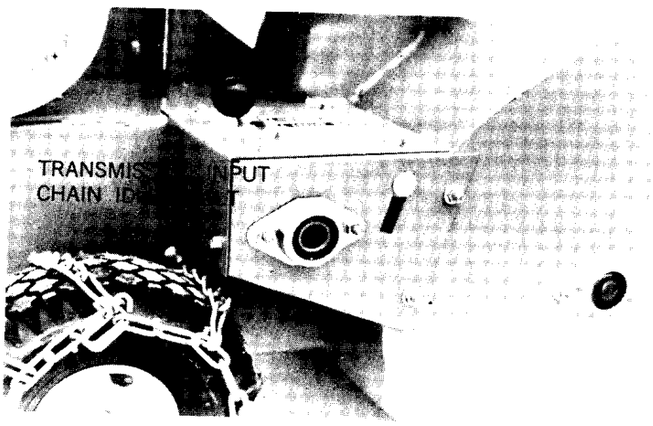


FIG. 24

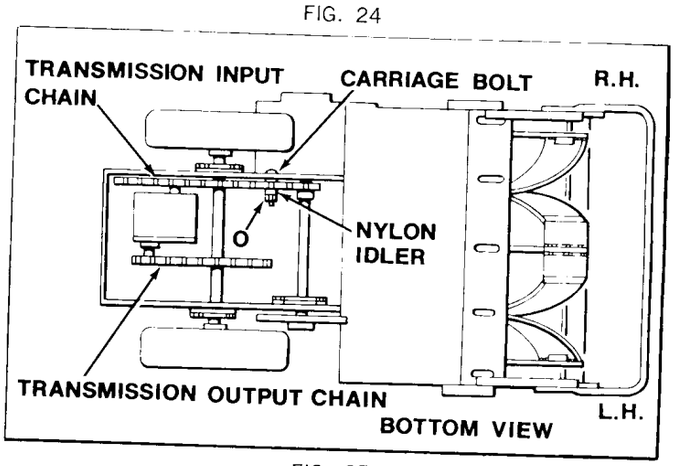


FIG. 25

(C) TRANSMISSION OUTPUT CHAIN (L.H. Side of Unit)

Refer to Fig. 25, 26 and 27.
The transmission output chain will probably never require adjustment. However, adjustment may be obtained by adjusting transmission position:

NOTE: Since adjusting the position of the transmission will also affect transmission input chain tension, loosen nut (O) and nylon idler before proceeding (Fig. 25).

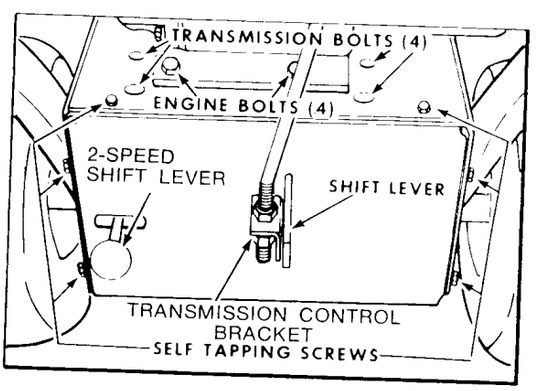


FIG. 26

1. Remove bolt and nut securing control lever to shift lever (Fig. 26, 27).
2. Remove knob and jam nut from 2-speed shift lever.

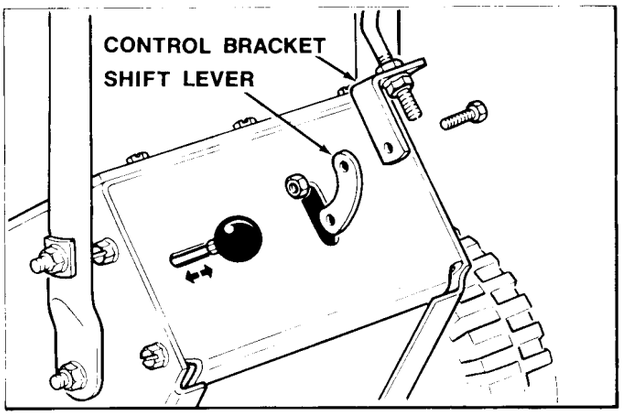


FIG. 27

3. Remove seven self-tap screws from rear cover plate (Fig. 26), and remove rear cover plate.
4. Loosen nuts on four bolts inside chassis securing transmission to chassis, and slide transmission toward rear of chassis until proper output chain tension is obtained (Fig. 21). Tighten four nuts to secure transmission and re-assemble all parts.
5. Re-adjust input chain (section B above) using nylon chain idler (Fig. 25). Tighten nut securely against idler.

(D) CARBURETOR ADJUSTMENT (Fig. 28)

Never make unnecessary adjustments. Factory recommended settings are correct for most applications.

If adjustment is required, proceed as follows:

1. Close high speed adjusting needle finger tight, and re-open one turn.
2. Close idle adjusting needle finger tight, and re-open one turn.
3. Start engine and move throttle control to "FAST" for high speed adjustment.
4. Turn high speed adjusting needle forward or back ⅛ turn at a time until engine runs moothly.

NOTE: Always allow several seconds between adjustments for the carburetor to adjust to new setting.

5. With engine running smoothly, turn high speed adjusting needle out (counter-clockwise) ⅛ turn. This may add a slight roughness to engine, but it is advisable to obtain a slightly rich mixture for operation under load.
6. Move throttle control to "SLOW" position for idle adjustment.
7. Turn idle adjusting needle in or out ⅛ turn at a time until engine idles smoothly.

IMPORTANT: Never attempt to change maximum engine speed. Bypassing the governor to obtain higher speeds may cause severe engine damage.

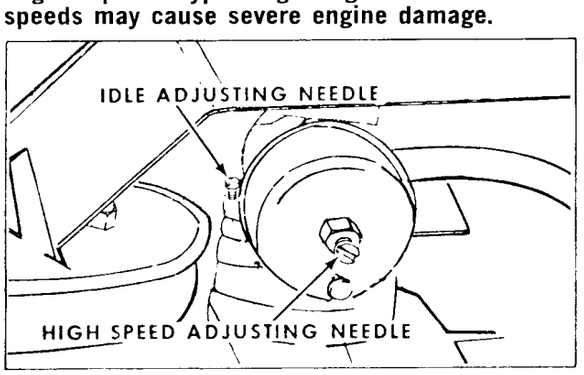


FIG. 28

RECOMMENDED OPERATING PROCEDURES

1. The most efficient operating speed for snow removal is dependent on depth and weight of snow. Experience will establish the most efficient operating speeds for particular snow conditions.
2. Recommended patterns of throwing snow are illustrated in Fig. 29 and 30. In the situation illustrated in Fig. 29, the discharge chute should be positioned to throw the snow with the wind, requiring the operator to reverse the chute position at the end of each run.
3. In Fig. 30, snow removal should begin in the centre of area to be cleared. Chute position should be reversed at end of each run.
4. Use of tire chains is optional. They may be removed for snow removal from hard surfaces such as blacktop or concrete.

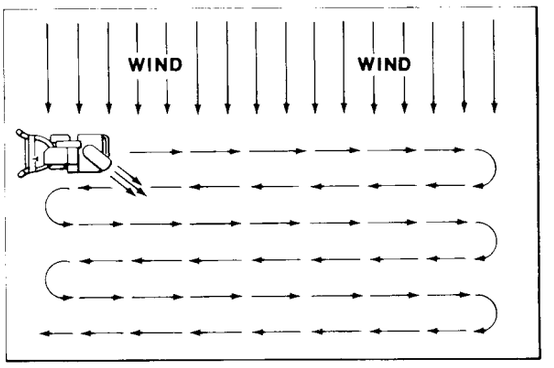


FIG. 29

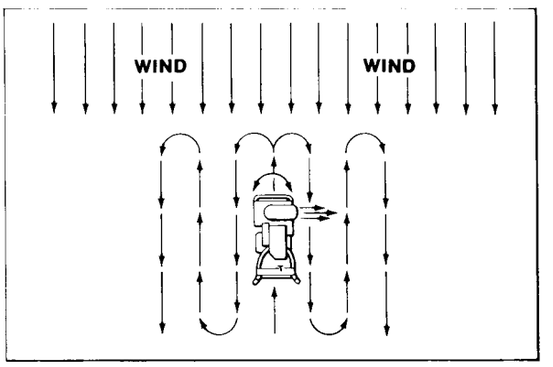


FIG. 30

TO ASSEMBLE TIRE CHAINS TO TIRES:

(a) Place chains on ground behind each wheel, so that ends with connector links are furthest from wheels (Fig. 31).

(b) Pull unit backwards onto chains so that wheels rest in middle of each chain (Fig. 31).

(c) Wrap chain around wheel and connect inside link. Make sure there are no kinks in the cross links or side links, and that the links are snug against the tire.

(d) Pass outside connector link through end link on opposite end of chain (Fig. 32).

(e) Turn connector link back, and hook the end of connector link over the side chain to lock into place as shown (Fig. 33).

NOTE: If the chain does not appear to be long enough to allow connector link to be turned back 180°, check for kinks in either the side chain or one of the cross chains.

To remove tire chains (Fig. 33): Use a screwdriver to unhook connector links on inside and outside of wheels.

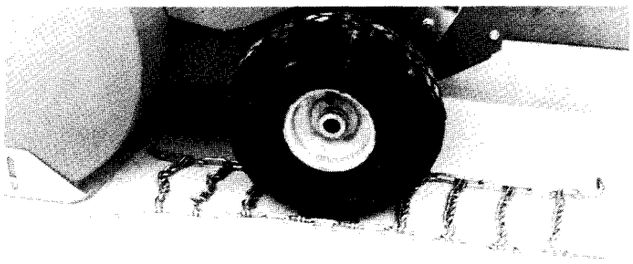


FIG. 31

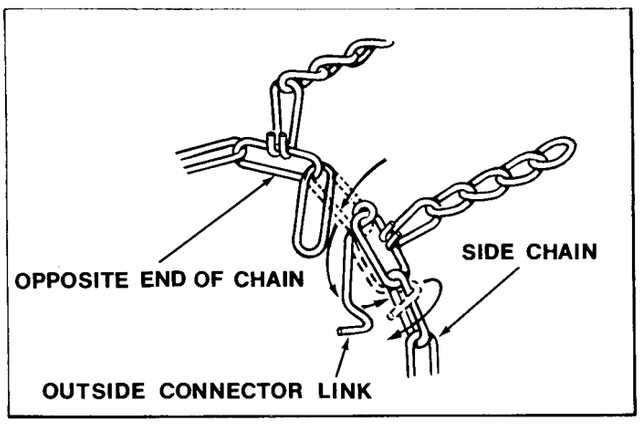


FIG. 32

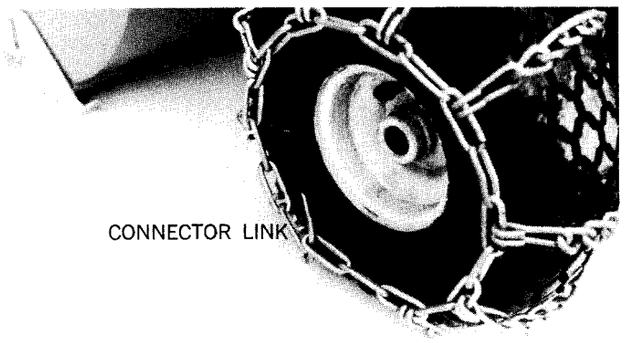


FIG. 33

MAINTENANCE INSTRUCTIONS

ENGINE LUBRICATION

CAUTION: Always stop engine and disconnect spark plug wire before cleaning, lubricating or adjusting any part of your snow thrower.

1. Change oil in crankcase after first two hours of operation:
   (a) Place pan for collecting used oil at rear of unit, and remove drain cap from drain pipe at rear base of engine (Fig. 34).

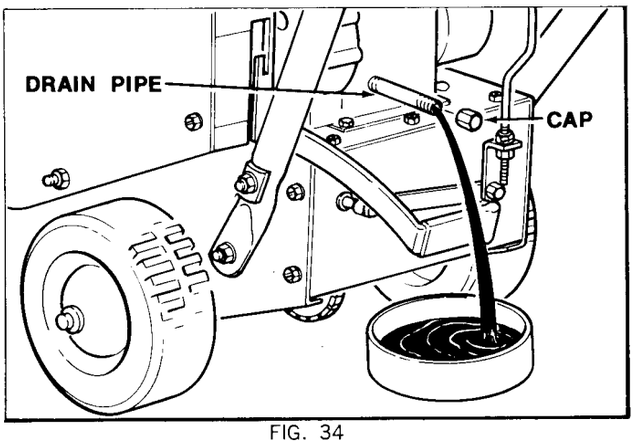


FIG. 34

   (b) Tilt snow thrower back and drain oil into pan.
   (c) Replace drain cap.
2. Refill crankcase to "FULL" mark on dipstick (approximately 1 pint) with S.A.E. 5W-30 multi-grade all weather oil (Fig. 13).

DO NOT OVERFILL.

3. Always check oil level before using unit, or after every 5 hours of operation. Add oil as required to bring level to "FULL" mark.
4. Change oil every 25 hours of operation, or once a season, whichever comes first.

SPARK PLUG MAINTENANCE

1. Remove spark plug and inspect it each time oil is changed. Electrodes should be kept clean and free of carbon; accumulation of carbon or oil will reduce engine efficiency.
2. Check the spark plug gap using a feeler gauge. (.030")
3. Before installing spark plug, lightly coat threads with graphite grease to ensure easy removal of plug in future.
4. To ensure easy starting and efficient engine performance, replace spark plug at beginning of each season. (Refer to engine parts list for correct replacement types).

NOTE: Just as your automobile needs professional mechanical maintenance from time to time, so does your air-cooled engine. Replacement of the spark plug and ignition points is made necessary by **normal** use.

SNOW THROWER LUBRICATION

CAUTION: Always stop engine and disconnect spark plug wire before cleaning, lubricating or adjusting your snow thrower.

1. After every 8 hours operation, lubricate the following parts of your snow thrower with light machine oil (S.A.E. 10 or 20):
   (a) Transmission control linkage.
   (b) Discharge chute controls.
   (c) Carburetor linkage on engine.
   (d) Drive chains.
2. In addition, remove drive chains at end of each season's use and immerse in light oil (S.A.E. 10 or 20). Allow chains to drain, then wipe dry with cloth and re-assemble to unit.
3. At least once a season, apply a coating of chassis grease between flange at base of discharge chute. Greasing this area prohibits accumulation of ice on chute bearing surface on chassis (Fig. 10). which would prevent effective chute operation.

CLEANING YOUR SNOW THROWER

CAUTION: Disconnect spark plug wire before cleaning unit.

To ensure maximum performance:

1. Clean inside of impeller housing after every use.
2. Keep engine blower housing free of dirt. Engine is air-cooled and dirt accumulation will restrict cooling, causing over heating and loss of power.

TIRE SERVICE

Correct tire pressure is 20 to 25 P.S.I. Keeping tires at correct pressure will assure good traction.

STORAGE

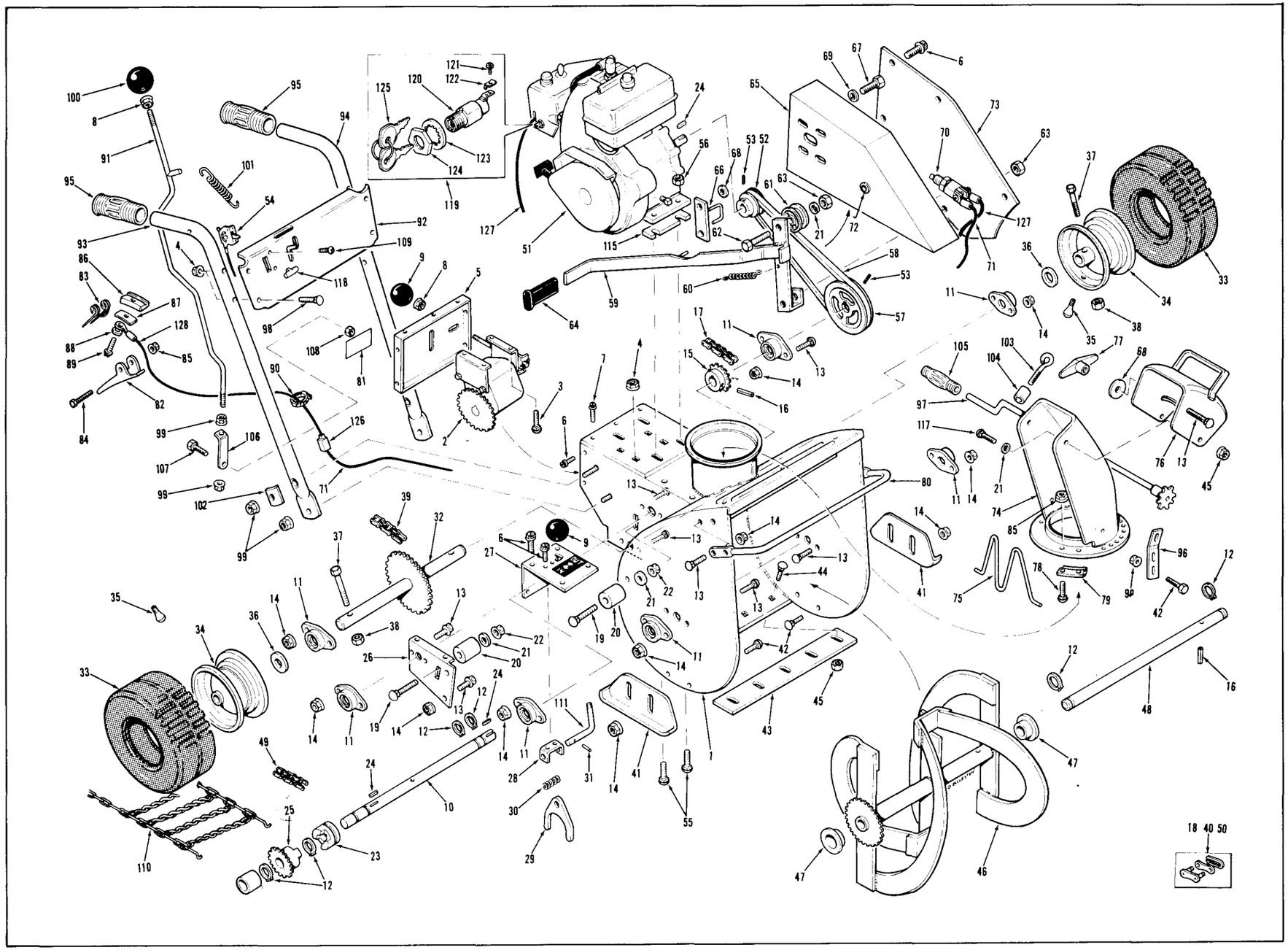
NOTE: Presence of moisture may cause frozen components if unit is stored in an unheated area; before storing, actuate shift control and chute control rods sufficiently to remove excess water.

1. Clean snow thrower thoroughly.
2. Follow "Lubrication" instructions above.
3. To prevent rust, wipe impeller assembly and inside discharge chute with oily cloth.
4. Place blocks under chassis to raise tires off floor.
5. Store unit in dry, clean area.

SERVICE CHECK LIST

Problem	Correction
Does not start	1. Check to see if there is an ample amount of clean gasoline in tank and that oil in crankcase is at proper level. 2. Be sure spark plug wire is attached to plug. 3. Check priming instructions under "TO START ENGINE". 4. Check control lever for full choke position.
Apparent loss of power — engine stalls	1. Check engine for dirt accumulation under control cover and around governor linkage. 2. Clean inside of impeller housing. 3. Check control setting to see that choke lever is not in choke position and flooding the engine.
Excessive vibration	Excessive vibration generally is a warning of trouble. Stop the engine immediately and check for damage or loose parts. If vibration persists have the snow thrower and engine checked by your authorized service dealer before continuing operation.
Uneven cut	1. Check skids setting for uniformity. Stop engine, disconnect spark plug wire and,
Poor snow discharge	1. Clean inside of impeller housing, and 2. Clean discharge chute.

CRAFTSMAN 22" SELF-PROPELLED SNOW THROWER — MODEL No. C944.526460



CRAFTSMAN 22" SELF-PROPELLED SNOW THROWER — MODEL No. C944.526460

Ref. No.	Part No.	Part Name
1.	1072704	Body Assembly
2.	1040178	Transmission Assembly (see page 16 and 17)
3.	1072044	Carriage Bolt, 5/16-18 x 1
4.	1039895	Lock Nut, 5/16-18
5.	1073038	Rear Cover
6.	1071358	Machine Screw, 1/4-20 x 1/2
7.	1072703	Self-Tap Screw, 1/4-20 x 3/4
8.	G120377	Nut, 3/8-16
9.	1016114	Knob
10.	1072706	Jackshaft
11.	1035066	Bearing
12.	1017779	Retaining Ring
13.	1071215	Carriage Bolt, 5/16-18 x 3/4
14.	1039895	Lock Nut, 5/16-18
15.	1035081	Sprocket, 10 Tooth
16.	G453674	Roll Pin, 5/32 x 1 1/4
17.	1072696	Chain, 67 Pitches (incl. Ref. #18)
18.	1037035	Connector Link
19.	G126422	Carriage Bolt, 3/8-16 x 2 1/4
20.	1048215	Nylon Idler
21.	1005813	Washer, 25/64 x 1 x 3/32
22.	1037222	Lock Nut, 3/8-16
23.	1072646	Clutch Spool
24.	1017783	Key, 3/16 x 1
25.	1072647	Sprocket Assembly, 16 Tooth
26.	1072649	Impeller Chain Guard
27.	1072708	Clutch Cover
28.	1072652	Clutch Bracket
29.	1072654	Clutch Fork Assembly
30.	1072657	Spring
31.	53997	Roll Pin, 1/8 x 3/4
32.	1072042	Axle and Sprocket Assembly
33.	1072156	Tire
34.	1072157	Rim
35.	65139	Valve Stem and Cap Assembly
36.	1008523	Washer, 25/32 x 1.12 x .061
37.	G122052	Hex Bolt, 5/16-18 x 1 3/4
38.	1071305	Lock Nut, 5/16-18
39.	1072695	Chain, 53 Pitches (incl. Ref. #40)
40.	1037035	Connector Link
41.	1072618	Skid
42.	1040101	Carriage Bolt, 3/8-16 x 3/4
43.	1072269	Scraper Bar
44.	1040103	Carriage Bolt, 1/2-20 x 1/2
45.	1036356	Lock Nut, 1/4-20
46.	1072709	Impeller Assembly
47.	1071221	Impeller Tube Insert
48.	1071045	Impeller Shaft
49.	1072610	Chain, 73 Pitches (incl. ref. #50)
50.	1037035	Connector Link
51.		Engine, 7 H.P. Model 143.666302
52.	1072663	Pulley, 2 1/2"
53.	1051891	Set Screw, 5/16-18 x 3/8
54.	1073021	Throttle Control
55.	1072195	Carriage Bolt, 5/16-24 x 1, Gr. 5
56.	1071780	Lock Nut, 5/16-24
57.	1072664	Pulley, 6"
58.	1072665	V-Belt
59.	1072666	Idler Bracket Assembly
60.	1073020	Spring
61.	4933H	Idler
62.	G120918	Hex Bolt, 3/8-16 x 1 1/2
63.	1071272	Lock Nut, 3/8-16
64.	1072683	Grip
65.	1072672	Belt Guard Assembly
66.	1072669	Escapement Assembly
67.	59309	Hex Bolt, 5/16-24 x 3/4
68.	50806	Washer, .328 x .750 x .063
69.	13257	Lock Washer, 5/16
70.	1072674	Safety Switch
71.		Electrical Wire Assembly (Comes with 1073040)
72.	1072699	Grommet
73.	1072698	Belt Cover
74.	1072677	Chute Assembly
75.	1072884	Hand Guard
76.	1072878	Deflector Assembly
77.	58715	Handle Knob
78.	G120706	Hex Bolt, 1/4-20 x 1/2
79.	1071799	Chute Slide
80.	1071092	Impeller Protection Bar
81.	1072715	Data Plate
82.	1072684	Safety Lever
83.	1072685	Safety Lever Spring
84.	54138	Hex Bolt, 1/4-20 x 2
85.	1036356	Lock Nut, 1/4-20
86.	1072686	Back Plate
87.	1072687	Contact Plate
88.	1072688	Bushing
89.	9416639	Machine Screw, #10-16 x .75
90.	1072983	Cable Tie
91.	1071801	Control Rod Assembly
92.	1072717	Handle Plate
93.	1072689	R.H. Handle
94.	1072690	L.H. Handle
95.	1035717	Grip
96.	1072286	Lower Support Bracket
97.	1071886	Chute Control Assembly
98.	1039943	Carriage Bolt, 5/16-18 x 1 3/4
99.	1037222	Lock Nut, 3/8-16
100.	1039966	Knob
101.	1039969	Spring
102.	1071725	Formed Washer
103.	1072614	Eye Bolt
104.	1072693	Rubber Bushing
105.	1071840	Grip
106.	1040011	Transmission Control Bracket
107.	G181635	Hex Bolt, 3/8-24 x 3/4, Gr. 5
108.	1071797	Lock Nut, 3/8-24
109.	1071358	Machine Screw, 1/4-20 x 1/2
110.	1071270	Tire Chains
111.	1072653	Clutch Lever
115.	1051398	Engine Spacer (5 H.P. units only)
117.	1072879	Hex Bolt, 1/4-20 x 1/2
118.	1072822	Knob
119.	1072833	Key Switch Assembly (Incl. Ref. No. 120 to No. 125)
120.	1072835	Switch
121.	1072836	Machine Screw
122.	1072837	Clamp Washer
123.	1072838	Lock Washer, Internal Tooth
124.	1072839	Jam Nut
125.	1072840	Key Assembly
126.		Connector (Comes with 1073040)
127.	1073040	Electrical Wire
128.	1073043	Electrical Wire
129.	1072718	Owner's Manual (Not shown)

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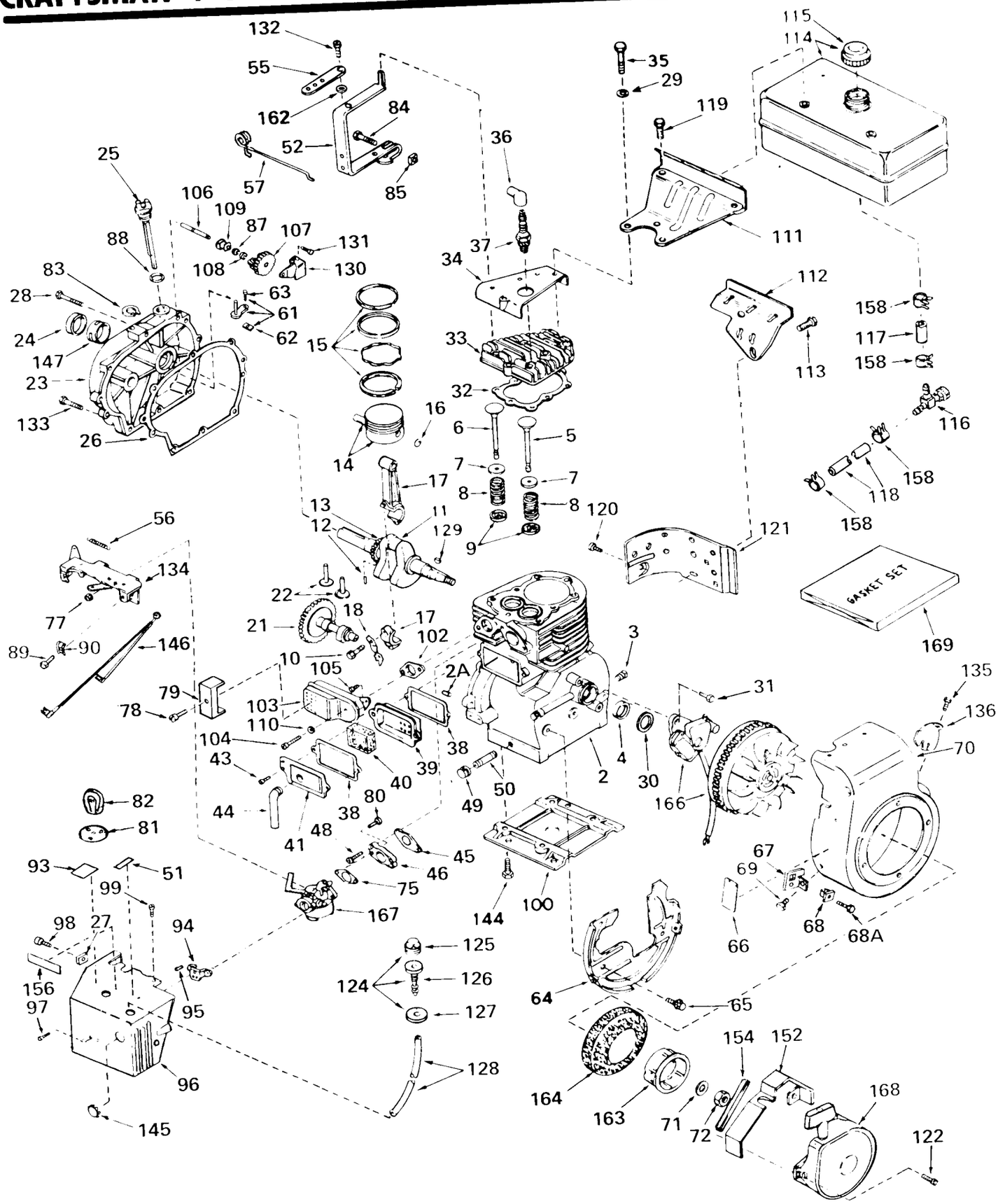
TRANSMISSION ASSEMBLY PART NUMBER 1040178

Ref. No.	Part No.	Part Name
1	180122	*Bolt, Hex 3/8-16 x 1
2	1036356	Nut, Hex Lock (Special) 1/4-20
3	1035343	Support Lever - Shift
4	1039948	Bracket - Mounting - L.H.
5	120392	*Washer 9/32-5/8 x 1/16
6	1039927	Bracket Assembly Support
7	1037222	Nut, Lock 3/8-16
8	126325	Bolt, Rd. Head Sq. Neck 1/4-20 x 1 1/4
9	1035268	Pivot - Bell Crank
10	177923	*Cotter Spring 1/8 x 3/4
11	137133	*Pin - Cotter 1/16 x 7/16
12	446161	*Washer, 7/32-7/16 x 3/64
13	1040008	Bell Crank
14	1035275	Link Assembly
15	1039930	Spacer
16	1040009	Rod - Shifter
17	1035281	Arm - Shifter
18	180020	*Bolt, Hex 1/4-20 x 3/4
19	6598	Ring - Snap
20	1035624	Sprocket
21	70940	Ball - Plain 1/4
22	1035610	Spring
23	5430	Ring - Snap
24	1035599	Washer 21/32-1 x 1/32
25	120706	*Bolt, Hex 1/4-20 x 1/2
26	115109	*Washer, Lock 1/4
27	120854	*Bolt, Hex 1/4-20 x 5/8
28	1035625	Housing Assembly - 2-Speed Side (Incl. Ref. #29 and 30)
29	1035617	Bearing - Sleeve
30	1035626	Bearing Assembly - Ball
31	1035619	Gasket
32	1035606	Gear
33	1040157	Key, Woodruff 3/16 x 7/8
34	1040156	Key, Woodruff 1/8 x 5/8
35	1035604	Sleeve - Clutch
36	1035603	Gear - Clutch
37	1035344	Lever Assembly - Shifter
38	456174	*Pin - Cotter 1/8 x 1
39	1035621	Countershaft
40	1035620	Fork - Shifter
41	1035616	Plate Assembly - Adapter (Incl. Ref. #42)
42	1035617	Bearing - Sleeve
43	1035612	Gear
44	1035614	Spacer
45	1035601	Housing Assembly - Forward and Reverse Side (Incl. Ref. #46)
46	1035602	Bearing - Sleeve
47	1071088	Washer 9/16-9/32 x .134
48	1040179	Bolt, Hex, Special 1/4-20 x 3 3/4
49	1071842	Chain Assembly - 101 Pitches (Incl. Ref. #50)
50	1071461	Link Assembly
51	1035740	Grease - Can
52	124544	*Key, Woodruff 3/32 x 5/8
53	1035623	Shaft - Drive
54	1035627	Washer 21/32-1 x 1/64
55	1035622	Gear - 13 Tooth
56	1035607	Bearing - Thrust
57	1035618	Bearing Assembly - Needle
58	53490	Nut, Hex Lock 1/4-20
59	1040153	Gasket
60	1035611	Washer 21/32-1 x 3/64
61	1035613	Shaft - Idler
62	1035596	Bracket - Mounting - R.H.
63	1035608	Fork - Shifter
64	1040158	Key, Woodruff 3/16 x 3/4
65	1035609	Shaft - Input
66	1035083	Sprocket

*Standard Hardware Items - May Be Purchased Locally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GASKET SET

CRAFTSMAN 4-CYCLE ENGINE

MODEL NUMBER: 143.666302

Ref. No.	Part No.	Part Name
1	666302	Complete Engine
2	32586B	Cylinder Assy. (Incl. Nos. 2A, 3 & 4)
2A	27652	Pin, Dowel
3	27642	Plug, Sq. hd. pipe, 1/4-18 (Oil drain)
4	32630	Seal, Oil
5	32783	Valve, Intake (Std.) (Incl. No. 9)
5	32784	Valve, Intake (1/32" oversize) (Incl. No. 9)
6	27878A	Valve, Exhaust (Std.) (Incl. No. 9)
6	27880A	Valve, Exhaust (1/32" oversize) (Incl. No. 9)
7	27882	Cap, Upper valve spring
8	27881	Spring, Valve
9	32581	Cap, Lower valve spring
10	650662	Bolt, Connecting rod
11	32680A	Crankshaft Assy. (Incl. Nos. 12 & 13)
12	29783	Pin, Crankshaft gear
13	27884	Gear, Crankshaft
14	32592	Piston & Pin Assy. (Incl. 2 of No. 16) (Std.)
14	32593	Piston & Pin Assy. (Incl. 2 of No. 16) (.010 oversize)
14	32594	Piston & Pin Assy. (Incl. 2 of No. 16) (.020 oversize)
15	32595	Ring Set, Piston (Std.)
15	32596	Ring Set, Piston (.010 oversize)
15	32597	Ring Set, Piston (.020 oversize)
16	27888	Ring, Piston pin retaining
17	32591C	Rod Assy., Connecting (Incl. Nos. 10 & 18)
18	32590	Plate, Lock & Oil dipper
21	32115	Camshaft (Mech. Compression Release)
22	34034	Lifter, Valve
23	31303B	Cover, Cylinder (Incl. Nos. 24, 106 & 147)
24	28427	Seal, Oil
25	31297	Dipstick, Oil (Incl. No. 88)
26	*30684	Gasket, Cylinder cover
27	650764	Nut, "U" Type
28	650488	Screw, Hex hd. Sems, 1/4-20 x 1-1/4
29	650691	Washer, Flat
30	33876	Gasket, Stator
31	650489	Screw, Hex hd. Sems, 1/4-20 x 5/8
32	*32631	Gasket, Cylinder head
33	30938A	Head, Cylinder
34	30939A	Cover, Cylinder head
35	650697	Screw, Hex hd. cap, 5/16-18 x 2-1/2
36	610118	Cover, Spark plug
37	33636	Plug, Spark
38	*27896	Gasket, Valve spring cover
39	28423	Body Assy., Breather
40	28424	Element, Breather
41	28425	Cover, Valve spring
43	650128	Screw, Fil. slotted hd. Sems, 10-24 x 1/2
44	27627	Tube, Breather
45	*27915	Gasket, Intake
46	30195A	Flange, Carburetor (Incl. Nos. 77 & 80)
48	30196	Screw, Fil. hd. mach. PCR, 5/16-18 x 3/4
49	30969	Cap, Oil drain
50	30968	Nipple, Oil drain
51	34144	Decal, Primer
52	32326A	Lever, Governor
55	30205	Bracket, Governor adjusting
56	30826	Spring, Extension
57	30824	Link, Governor-to-throttle
61	30699C	Rod Assy., Governor (Incl. Nos. 62 & 63)
62	30700	Yoke, Governor
63	650494	Screw, Phil. fil. hd. Sems, 6-40 x 5/16
64	29536	Baffle, Blower housing
65	650561	Screw, Phil. hex hd. Sems, 1/4-20 x 5/8
66	31714	Decal, Name & Instruction
67	34126	Bracket, Grommet mounting
68	28545	Grommet, Plastic
68A	650643	Screw, Phil. pan hd. thread forming, 8-18 x 3/8
69	29747A	Screw, Hex hd. cap Sems, 5/16-24 x 3/4
70	32158C	Housing, Blower (Incl. Nos. 135 & 136)
71	650490	Washer, Belleville
72	8116	Nut, Crankshaft
75	*31688	Gasket, Carburetor
77	29752	Nut & Lockwasher, 1/4-28
78	650665	Screw, Hex hd. Sems, 1/4-14 x 7/8
79	34174	Deflector, Muffler
80	650572	Screw, Phil. flat hd. Sems, 1/4-28 x 1-1/8
81	34132	Plate, Choke indicator
82	32410	Knob, Speed control
83	29642	Ring, Retaining
84	29826	Screw, Hex slotted washer hd. mach., 10-32 x 3/4
85	29216	Nut, Square, 10-32
87	30590A	Washer, Flat
88	*29673	Gasket, Oil dipstick

*Indicates Parts Included in Gasket Set, Ref. No. 169.

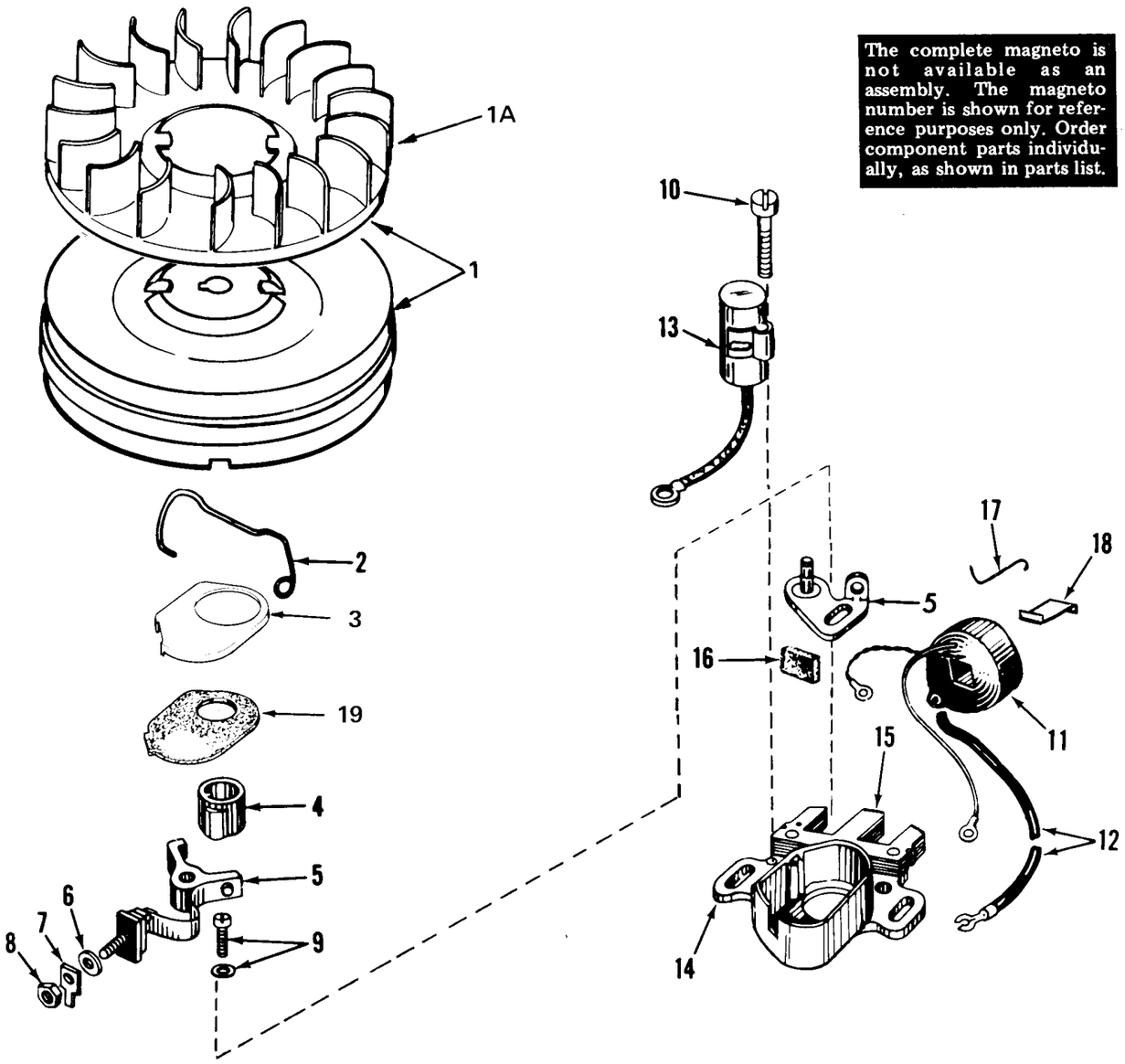
CRAFTSMAN 4-CYCLE ENGINE

MODEL NUMBER: 143.666302

Ref. No.	Part No.	Part Name
89	28942	Screw, Hex slotted hd. Sems, 10-32 x 3/8
90	27793	Clip, Conduit
93	34129	Decal, Warning
94	32398	Bracket, Carburetor cover
95	28820	Screw, Phil. fil. hd. mach. Sems, 10-32 x 1/2
96	34217	Cover, Carburetor
97	650257	Screw, Phil. pan hd. Sems, 8-32 x 5/16
98	650760	Screw, Phil. pan hd., 8-32 x 7/16
99	650765	Screw, Hex washer hd. self-tap, 12-14 x 5/8
100	29538	Base, Engine mounting
102	*27930	Gasket, Muffler
103	32401	Muffler
104	650694	Screw, Hex hd. cap, 5/16-18 x 2
105	30196	Screw, Fil. hd. mach. PCR, 5/16-18 x 3/4
106	31845	Shaft, Mechanical governor
107	30591	Gear Assy., Governor (Incl. No. 87)
108	29193	Ring, Retainer
109	30588A	Spool, Governor
110	26073	Washer
111	34159	Plate, Fuel tank mounting
112	34158	Bracket, Fuel tank mounting
113	650561	Screw, Phil. hex hd. Sems, 1/4-20 x 5/8
114	34156	Tank Assy., Fuel (Incl. No. 115)
115	34210	Cap, Fuel tank
116	32961	Valve, Shut-off
117	29774	Line, Fuel
118	30705	Line, Fuel
119	650665	Screw, Hex hd. Sems, 1/4-14 x 7/8
120	650128	Screw, Fil. slotted hd. Sems, 10-24 x 1/2
121	30622	Extension, Blower housing
122	29716	Screw, Phil. pan hd. Sems, 1/4-28 x 7/16
124	32182	Primer Assy. (Incl. Nos. 125, 126 & 127)
125	32183	Bulb, Primer
126	32184	Body, Primer
127	32312	Retainer, Primer bulb
128	32180A	Line, Primer
129	32589	Key, Flywheel
130	31843A	Bracket, Governor gear
131	28763	Screw, Hex washer hd. thread forming, 10-24 x 1/2
132	650548	Screw, Hex slotted washer hd., 8-32 x 3/8
133	650493	Screw, Hex hd. Sems, 1/4-20 x 1-3/4
134	33108	Control Assy., Remote speed (Incl. No. 56)
135	650736	Screw, Phil. pan hd., 10-16 x 3/8
136	33013	Cover, Starter bubble
144	650542	Screw, Hex hd. cap, 5/16-18 x 13/16
145	31291	Plug, Cover
146	34131	Wire, Ground
147	31546	Bushing, Crankshaft
152	31680	Guard, Starter
154	32576	Seal, Snow guard
156	34133	Decal, Choke
158	26460	Clamp, Fuel line
162	29918	Lockwasher, No. 8 E.T.
163	32125	Cup, Starter
164	590417	Screen, Starter cup
166	610694A	Magneto (The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component parts individually, as shown in parts list.)
167	631920	Carburetor (Incl. No. 75)
168	590473	Starter Assy., Rewind
169	33239	Gasket Set (Incl. items marked *)

*Indicates Parts Included in Gasket Set, Ref. No. 169.

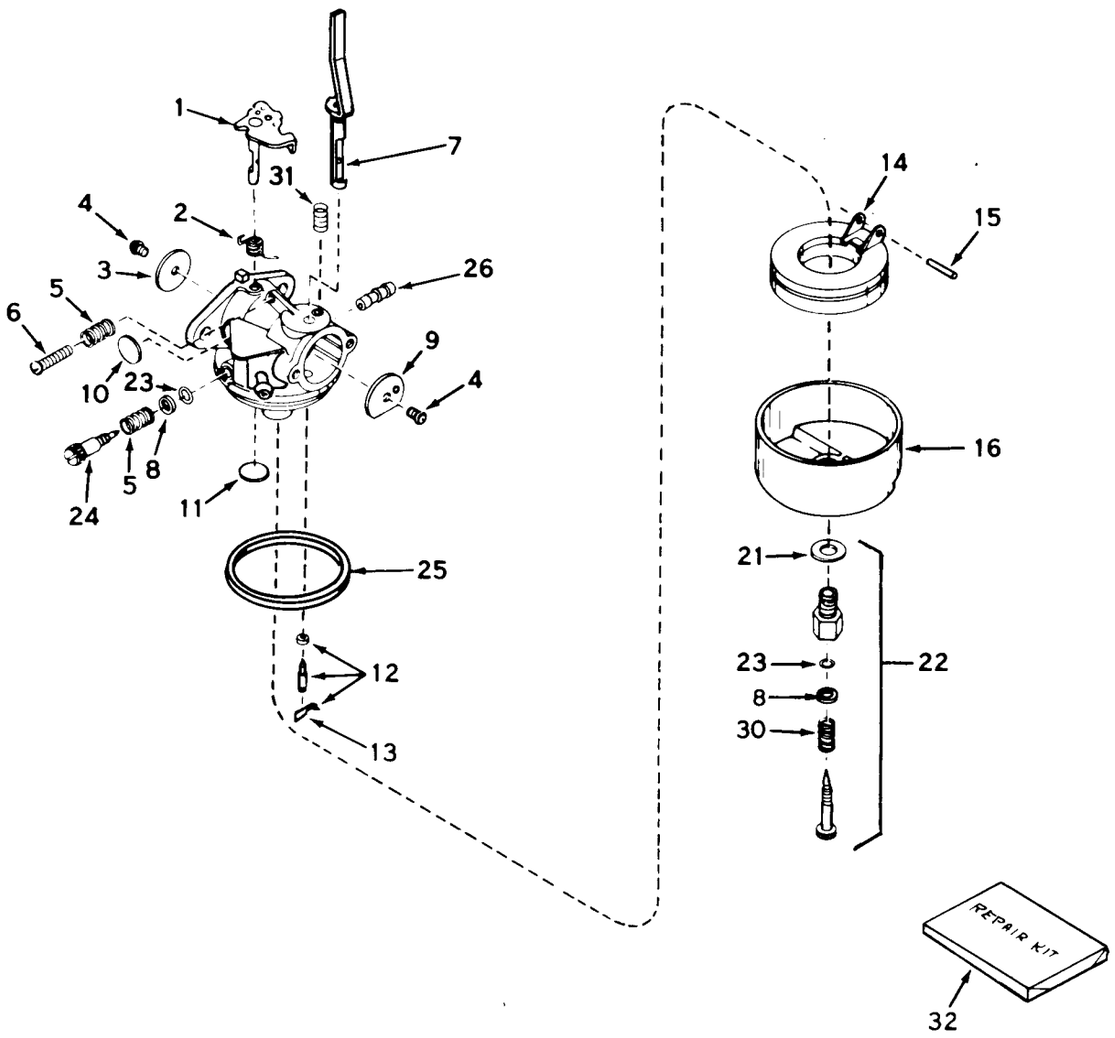
MAGNETO NO. 610694A



The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component parts individually, as shown in parts list.

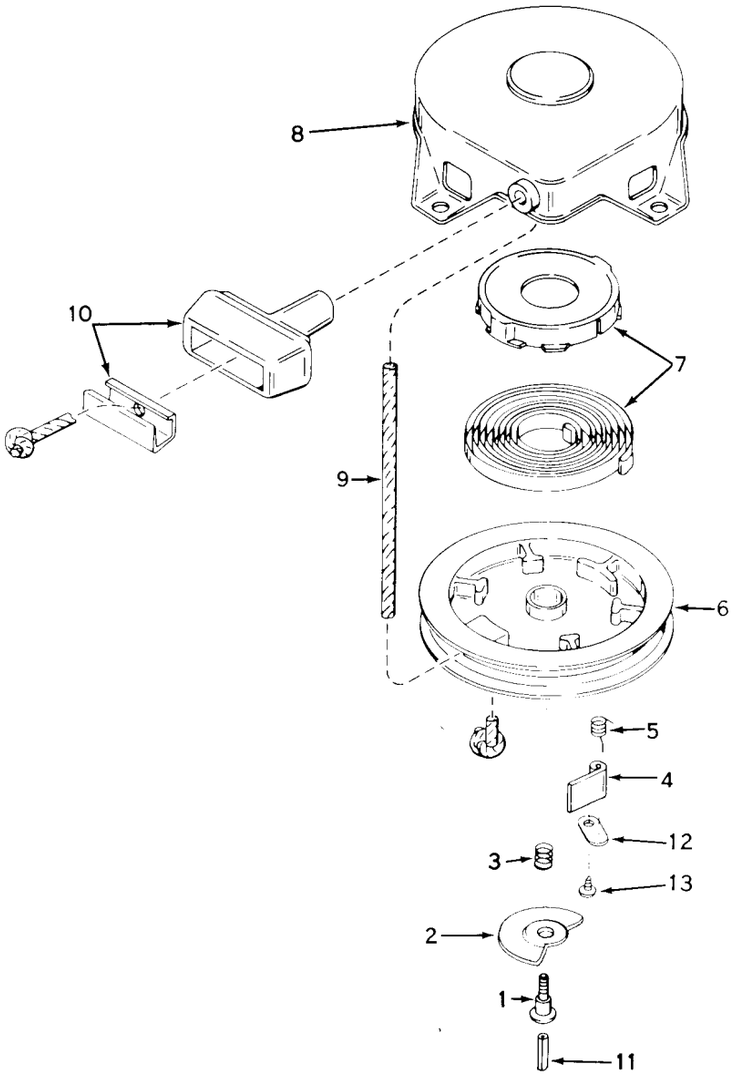
Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
	610694A	Magneto	11	30560A	Coil Assy. (Incl. No. 12)
1	30811A	Flywheel (Incl. No.1A)	12	30554	Wire, Lead
1A	610934	Fan	13	30548A	Condenser
2	30551	Spring, Breaker box dust cover	14	30545	Core & Plate
3	610947	Cover, Dust	15	30561B	Stator Assy. (Incl. Nos. 2, 3, 5 thru 14 & 16 thru 19)
4	30992	Cam, Breaker			
5	30547A	Contact Assembly, Breaker	16	30549	Felt, Cam wiper
6	610385	Washer, Terminal	17	31311	Clip, Coil locking
7	33356	Tab, Ground terminal	18	29629	Spring, Coil wedge
8	610408	Nut, Terminal	19	610955	Gasket, Dust cover
9	29181	Screw & Washer, Breaker	19	610956	Gasket, Dust cover
10	610593	Screw, Condenser			

CARBURETOR NO. 631920



Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
	631920	Carburetor	14	631023	Float, Carburetor
1	31834	Shaft & Lever Assy., Throttle	15	*631024	Shaft, Float
2	630731	Spring, Throttle return	16	631867	Bowl, Float
3	631036	Shutter, Throttle	21	27110	Gasket, Bowl-to-body
4	650506	Screw, 4-40 x 3/16	22	*31839	Adjustment Screw Assy., Main (Incl. Nos. 8, 21, 23 & 30)
5	630766	Spring, Idle regulating screw			
6	650417	Screw, Idle regulating	23	*630740	"O" Ring, Adjustment screw
7	631913	Shaft & Lever Assy., Choke	24	*631078	Screw, Idle adjustment
8	630739	Washer, Flat	25	*631028	Gasket, Bowl-to-body
9	631815	Shutter, Choke	26	631803	Fitting, Fuel inlet
10	*630748	Plug, Welch	30	630738	Spring, Main adjustment screw
11	*631027	Plug, Welch	31	630735	Spring, Choke stop
12	*631021	Inlet Needle, Seat & Clip Assy. (Incl. No. 13)	32	31840	Repair Kit (Incl. items marked *)
13	631022	Clip, Inlet needle			

REWIND STARTER NO. 590473



Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
	590473	Starter, Rewind	7	590414	Spring & Keeper Assembly
1	590409	Screw, Retainer	8	590415	Housing Assembly, Starter
2	590474	Cam, Dog	9	590386	Rope, Starter
3	590411	Spring, Brake	10	590387	Handle Assembly, Starter
4	590148	Dog, Starter	11	590459	Pin, Centering
5	590475	Spring, Dog	12	590476	Retainer, Dog
6	590478	Pulley	13	590477	Screw, No. 6 x 5/16

Sears

owner's manual

MODEL NO.
C944.526460

How to ORDER Repair Parts

The Model Number will be found on a plate attached to the rear of the housing and engine base assembly. Always mention the Model Number when requesting service or repair parts for your SNOW THROWER.

All parts listed herein may be ordered through SEARS ROEBUCK AND CO. or SIMPSONS-SEARS LIMITED. When ordering parts by mail, selling prices will be furnished on request or parts will be shipped at prevailing prices and you will be billed accordingly.

When ordering repair parts, always give the following information as shown in this list.

1. The PART NUMBER
2. The PART DESCRIPTION
3. The MODEL NUMBER — **C944.526460**
4. The NAME OF ITEM — **22" SELF-PROPELLED SNOW THROWER**
5. The ENGINE MODEL NUMBER — **143.666302**

SIMPSONS-SEARS LIMITED, Toronto, Ontario, Canada

Part No. 1072718 Printed in Canada